

APPENDIX A

WATER SUPPORT PLAN CHECKLIST

A-1. Water Support Requirements.

- a. Water Consumption Planning Factors.
 - (1) Environment.
 - (2) Level of Command.
 - (3) Potable Requirements.
 - (4) Nonpotable Requirements.
- b. Supported Force Structure.
 - (1) Army Forces.
 - (2) Other Services.
 - (3) Allied Forces.
 - (4) Local Nationals.
 - (5) Enemy Prisoners of War/Civilian Internees.
- c. Total Water Requirement.
 - (1) Potable.
 - (2) Nonpotable.
 - (3) Additional Days of Supply.

A-2. Water Sources.

- a. Type.
 - (1) Fresh.
 - (2) Brackish.
 - (3) Salt/Seawater.
 - (4) Groundwater.
 - (5) Existing Water Supply Systems.
- b. Location.
 - (1) Grid Coordinates.
 - (2) Road Access.
- c. Estimated Quantity Available.
 - (1) Gallons per Day (flowing sources).
 - (2) Gallons/Acre-feet (standing sources).
 - (3) Gallons per Minute (groundwater).
- d. Development Requirements.
 - (1) Surface Source Site.
 - (2) Groundwater Well Site.
 - (3) Engineer Support Required.

A-3. Groundwater Development.

- a. Detection.
 - (1) Map Overlays Available from Engineer Topographic Laboratory.
 - Terrain Analysis Center.
 - (2) Water Detection Response Team.

b. Aquifer Characteristics.

- (1) Estimated Yield (gallons per minute).
- (2) Quality (fresh, brackish, salt).
- (3) Depth to Water (feet).

c. Units Required.

- (1) Engineer Equipment Operations Teams (TOE 05520LF00).

A-4. Purification Requirements.

a. Quantity.

- (1) Total Daily Requirement.
- (2) Additional Days of Supply Storage Requirement.

b. Units Required.

- (1) General Support.
 - QM Water Team Barge Mounted (ROWPU) (TOE 10570LA00).
 - QM Water Purification Team (12,000-GPH) (TOE 10570LC00).
 - Water Purification Detachment (TOE 10469L000).
- (2) Direct Support.
 - QM Supply Company (TOE 42447L000).
 - Division Water Section.
 - Separate Brigade Water Section.
 - Armored Cavalry Regiment Water Section.

A-5. Storage Requirements.

a. Quantity.

- (1) Total Daily Requirement.
- (2) Additional Days of Supply Storage Requirement.

b. Units Required.

- (1) General Support.
 - Water Supply Company (TOE 10468L000).
- (2) Direct Support.
 - QM Supply Company (TOE 42447L000).
 - Division Water Section.
 - Separate Brigade Water Section.
 - Armored Cavalry Regiment Water Section.

(3) Arid Teams.

- QM Hot/Arid Environment Water Team (TOE 42526LC00).
- Aug-Arid Environment Water Section (TOE 42556LC00).
- QM CEB Team (TOE 42577LB00).

A- 6. Distribution Requirements.

a. Quantity.

- (1) Total Daily Requirement.
- (2) Hoseline Percentage.
- (3) Truck (SMFT) Percentage.

b. Units Required.

(1) General Support.

- QM Tactical Water Distribution (Hoseline) (TOE 10570LG00).
- Transportation Medium Truck Company 40 ft CNR/CGO (TOE 55727L100).

(2) Direct Support.

- Division Water Section.
- Separate Brigade Water Section.

A-7. Command and Control.

a. Total Water Support Force Structure Required.

b. Units Required.

(1) General Support.

- QM HHD, Water Supply Battalion (TOE 10466L000).

(2) Direct Support.

- HHC, Area Support Group (TOE 63622L000).

A-8. Water Quality Surveillance.

a. Coordinate with Command Surgeon.

b. Coordinate with supporting Medical Brigade/Group/Battalion Staff.

A-9. Water Cooling.

a. Necessary in hot (arid, tropic) environments.

b. Equipment Required.

- (1) Small Mobile Water Chiller (NSN 4130-01-131-2685).